

STUDIES IN THE EUPATORIEAE (ASTERACEAE). CXXXIV.

A NEW SPECIES OF SCIADOCEPHALA FROM PANAMA.

R. M. King and H. Robinson
Smithsonian Institution, Washington, D.C. 20560.

Recent attempts to revise the Adenostemmatinae (King & Robinson, 1974) indicated the existence of three species of Sciadocephala, all from northern South America. Now material of a fourth species has come to our attention from central Panama. The species is described here as new to be available for inclusion in the treatment of the Eupatorieae for the Flora of Panama. The panamanian plant is related to the type species of the genus, S. schultze-rhnhofiae Mattfeld, of Ecuador but differs by the more decumbent habit and the more obovate blunt-tipped more nearly entire leaves. The species is named here for the collector Dr. Robert L. Dressler of the Smithsonian Tropical Biological Institute in Panama.

Sciadocephala dressleri R.M.King & H.Robinson, sp. nov.

Plantae decumbentes 30 cm longae vel longiores herbaceae perennes. Caules breviter rufo-puberuli anguste fistulosi. Folia opposita, petiolis 7-25 mm longis superne indistinctis; laminae ellipticae vel parum obovatae plerumque 10-12 cm longae et 5-6 cm latae base anguste cuneatae margine remote subserrulatae apice obtusae vel rotundatae, nervis subtus sparse puberulis, nervis secundariis paucis binis subbasilaribus valde ascendentibus. Inflorescentiae subcymosae pauca capitatae, pedicellis ca. 1-2 cm longis puberulis. Capitula ca. 8-10 mm alta ca. 3 mm lata; squamae involucri ca. 7-8 uniseriatae 2.0-3.5 mm longae usque ad 1 mm latae anguste oblongae apice rotundatae vel obtuse acute extus sparsim puberulae base vix connatae. Flores ca. 9. Corollae pallido-virides 5.0-5.5 mm longae anguste infundibulares extus sparsim puberulae, tubis indistinctis, lobis triangularibus ca. 0.7 mm longis et 0.5 mm latis; filamenta antherarum in parte superiore ca. 400 μ longa; thecae ca. 1.5 mm longae, appendicibus ovatis ca. 250 μ longis et latis; styli glabri, appendicibus linearibus cremeis. Achaenia usque ad 6 mm longa sparsim minute puberula; carpodia immatura; clavulae pappi 5 plerumque 1.0-1.5 mm

longae, partibus glanduliferis discretis ca. 0.2 mm longis. Grana pollinis argute spinosa ca. 30 μ diam.

TYPE: PANAMA: Panama. El Llano - Carti highway, about 12 km N of El Llano; 19 July 1974, near stream; corolla pale green, style cream, Robert L. Dressler 4671 (Holotype MO, Isotype US).

Reference

King, R.M. & H. Robinson. 1974. Studies in the Eupatorieae (Asteraceae). CXXVII. Additions to the American and Pacific Adenostemmatinae. Adenostemma, Gymnocoronis and Sciadocephala. *Phytologia* 29: 1-20.

Acknowledgement

This study was supported in part by the National Science Foundation Grant BMS 70-00537 to the senior author.



Sciadocephala dressleri R.M. King & H. Robinson
 Holotype, Missouri Botanical Garden. Photo by Victor
 E. Krantz, Staff Photographer, National Museum of
 Natural History.

Sciadocephala dressleri R.M. King & H. Robinson,
 Holotype, Missouri Botanical Garden. Photo by Victor
 E. Krantz, Staff Photographer, National Museum of
 Natural History.



Sciadocephala dressleri R.M.King & H.Robinson,
Enlargement of heads and inflorescence.